



# Product Evaluation

WIN2112 | 0816

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-2112

**Effective Date:** August 1, 2016

**Re-evaluation Date:** March 2020

**Product Name:** Series 9070 Vinyl Fixed Windows, Fin Installation, Impact Resistant

**Manufacturer:** Shwinco Architectural Products, LLC  
171 Jet Services Way  
Dothan, AL 36303  
(334) 556-1000

## General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 9070 Vinyl Fixed Windows	F-HC120 72 x 72 Missile Level D	+120 / -120 psf
2	Series 9070 Vinyl Fixed Windows	FW-R50 53 x 84 Missile Level D	+50 / -50 psf

## Product Dimensions:

System	Overall Size	Glass Daylight Opening Size
1	72" x 72"	67" x 67"
2	52-1/2" x 83-1/2"	48-1/2" x 79-1/2"

**Product Identification (Certification Agency Label on Window):**

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Shwinco Architectural Products LLC
	Product Name	9000/9070 Fixed Impact Rated Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E 1886-02/05, ASTM E 1996-02/05 Missile Level D
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Shwinco Architectural Products LLC
	Product Name	9070 Vinyl Impact Rated Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E 1886-02/05, ASTM E 1996-02/05 Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:**

**Systems 1:** Fasten the window to minimum Southern Yellow Pine dimension lumber. The window frame is secured to the wall framing with minimum No. 10 x 2" Philips flat head screws. Space the fasteners approximately 1-1/2" from each corner and approximately 13-1/2" on center along the perimeter of the window. The nailing fin is secured to the wall framing with minimum 12-gauge smooth shank roofing nails. Space the fasteners approximately 3" from each corner and approximately 8" on center along the perimeter of the window. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Systems 2:** Fasten the window to minimum Southern Yellow Pine dimension lumber. The nailing fin is secured to the wall framing with minimum 12-gauge smooth shank roofing nails. Space the fasteners approximately 3" from each corner and approximately 8" on center along the perimeter of the window. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, IBC, and the Texas Revisions.